

**SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Lang, et al. Attorney Docket: 2960/112  
 Serial No: 10/681,749 Art Group Unit: 3733  
 Date Filed: October 7, 2003 Examiner Name: Philogene, P.  
 Invention: Minimally Invasive Joint Implant with 3-Dimensional Geometry Matching  
 The Articular Surfaces



**LIST OF PATENTS AND PUBLICATIONS FOR  
 APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/Subclass
PP	FV	US 4,655,227	April, 1987	Gracovetsky, S.	128/781
	FW	US 4,699,156	October, 1987	Gracovetsky, S.	128/781
	FX	US 4,813,436	March, 1989	Au, J.	128/779
	FY	US 4,823,807	April, 1989	Russell, et al.	128/773
	FZ	US 5,099,859	March, 1992	Bell, G.	128/781
	GA	US 5,129,908	July, 1992	Petersen, T.	606/88
	GB	US 5,154,178	October, 1992	Shah, A.	128/653.2
	GC	US 5,246,013	September, 1993	Frank, et al.	128/774
	GD	US 5,320,102	June, 1994	Paul, et al.	128/653.2
	GE	US 5,413,116	May, 1995	Radke, et al.	128/777
	GF	US 5,433,215	July, 1995	Athanasiou, et al.	128/774
	GG	US 5,445,152	August, 1995	Bell, et al.	128/653.5
	GH	US 5,501,687	March, 1996	Willert, et al.	606/94
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	GJ	US 5,541,515	July, 1996	Tsujita, K.	324/318
	GK	US 5,564,437	October, 1996	Bainville, et al.	128/774
	GL	US 5,682,886	November, 1997	Delp, et al.	128/653.1
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	GN	US 5,749,876	May, 1998	Duvillier, et al.	606/88
	GO	US 5,772,595	June, 1998	Votruba, et al.	600/415
	GP	US 5,779,651	July, 1998	Buschmann, et al.	600/587
	GQ	US 5,810,006	September, 1998	Votruba, et al.	128/653.2
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	GS	US 5,840,443	November, 1998	Gregg, et al.	429/212
	GT	US 5,880,976	March, 1999	DiGioia III, et al.	364/578
	GU	US 5,885,296	March, 1999	Masini	606/86
↓	GV	US 5,885,298	March, 1999	Herrington, et al.	606/88
	GW	US 5,897,559	April, 1999	Masini, M.	606/86

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	GY	US 5,913,821	June, 1999	Farese, et al.	600/425
	GZ	US 5,916,220	June, 1999	Masini, M.	606/88
	HA	US 5,928,945	July, 1999	Scliktar, et al.	435/395
	HB	US 5,961,523	October, 1999	Masini	606/86
	HC	US 5,968,051	October, 1999	Luckman, et al.	606/88
	HD	US 5,995,738	November, 1999	DiGioia III, et al.	395/500.32
	HE	US 6,002,859	December, 1999	DiGioia III, et al.	395/500.32
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	HG	US 6,102,916	August, 2000	Masini	606/88
	HH	US 6,146,422	November, 2000	Lawson, K.	623/17.16
	HI	US 6,156,069	December, 2000	Amstutz	623/22.11
	HJ	US 6,161,080	December, 2000	Aouni-Ateshian, et al.	703/11
	HK	US 6,175,655	January, 2001	George III, et al.	382/257
	HL	US 6,187,010	February, 2001	Masini	606/86
	HM	US 6,205,411	March, 2001	DiGioia III, et al.	703/11
	HN	US 6,249,692	June, 2001	Cowin, S.	600/407
	HO	US 6,289,753	September, 2001	Basser, et al.	73/866
	HP	US 6,310,477	October, 2001	Schneider, E.	324/307
	HQ	US 6,310,619	October, 2001	Rice, R.	345/420
	HR	US 6,316,153	November, 2001	Goodman, et al.	430/8
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	HT	US 6,334,066	December, 2001	Rupprecht, et al.	600/411
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	HV	US 6,533,737	March, 2003	Brosseau, et al.	600/595
	HW	US 6,560,476	May, 2003	Pelletier, et al.	600/410
	HX	US 6,626,945	September, 2003	Simon, et al.	623/17.19
	HY	US 6,712,856	March 30, 2004	Carignan, et al.	623 20.35
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PP	IB	US 2001/0001120	May, 2001	Masini	606/86
	IC	US 2002/0147392	October, 2002	Steines, et al.	600/407
	ID	US 2002/0016543	February 7, 2002	Tyler	600/410
	IE	US 2002/0127264	Sept. 12, 2002	Felt, et al.	424/423
	IF	US 2002/0147392	October 10, 2002	Steines, et al.	600/407
	IG	US 2002/0173852	Nov. 21, 2002	Felt, et al.	623/20.32
	IH	US 2002/0177770	Nov. 28, 2002	Lang, et al.	600/410
	II	US 2003/0015208	January 23, 2003	Lang, et al.	128/922
	IJ	US 2003/0158606	August 21, 2003	Coon, et al.	623/20.15
	IK	US 2003/0225457	Dec. 4, 2003	Justin, et al.	623 20.14
	IL	US 2004/0102852	May 27, 2004	Johnson, et al.	623/20.15
	IM	US 2004/0122521	June 24, 2004	Lee, et al.	623/20.15
	IN	US 2004/0153162	August 5, 2004	Sanford, et al.	623/20.3
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	IP	US 2004/0167390	August 26, 2004	Alexander, et al.	600/410
	IQ	US 2004/0167630	August 26, 2005	Rolston	623/20.14
	IR	US 2004/0193280	Sept. 30, 2004	Webster, et al.	623/20.33
	IS	US 2005/0015153	January 20, 2005	Goble, et al.	623/23.46
	IT	US 2005/0107883	May 19, 2005	Goodfried, et al.	623/20.15
	IU	US 2005/0107884	May 19, 2005	Johnson, et al.	623/20.15
▼	IV	US 2005/0171612	August 4, 2005	Rolston	623/20.19

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PP	IX	WO	00/35346	June 22, 2000	Moran, T.	A61B 511
PP	IY	WO	01/10356	February, 2001	Ticulate Holdings, Ltd.	A61F 2/46

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PP	IZ	WO	02/22013	March, 2002	Leland Stanford Junior University	A61B 5/055
PP	JA	WO	03/47470	March 14, 2003	British American Tobacco	206/268

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PP	JC	ADAM, G., et al.	"MR Imaging of the Knee: Three-Dimensional Volume Imaging Combined with Fast Processing", J. Compyt. Asst. Tomogr; : 984-988 (Nov.-Dec. 1989)			
PP	JD	ADAMS, ME, et al.	"Quantitative Imaging of Osteoarthritis", Semin Arthritis Rheum June; 20(6) Suppl. 2: 26-39 (1991)			
PP	JE	AHMAD, CS, et al.	"Biomechanical and Topographic Considerations for Autologous Osteochondral Grafting in the Knee", Am J Sports Med Mar-Apr.; 29(2): 201-206 (2001)			
PP	JF	ALEXANDER, E.J., et al.	"Internal To External Correspondence In The Analysis Of Lower Limb Bone Motion", Proceedings of the 1999 ASME Summer Bioengineering Conference, Big Sky, Montana (1999)			
PP	JG	ALEXANDER, E.J., et al.	"Correcting for Deformation In Skin-Based Marker Systems". Proceedings of the 3 <sup>rd</sup> Annual Gait and Clinical Movement Analysis Meeting, San Diego, CA (1998)			
PP	JH	ALEXANDER, E.J.,	"Estimating The Motion Of Bones From Markers Of Bones From Markers On The Skin (Doctoral Dissertation)", U. of Illinois at Chicago (1998)			
PP	JI	ALEXANDER, E.J., et al.	"State Estimation Theory In Human Movement Analysis", Proceedings of the 1998 ASME International Mechanical Engineering Congress (1998)			
PP	JJ	ALEXANDER, et al.	"Dynamic Functional Imaging Of The Musculoskeletal System", ASME Winter International Congress and Exposition, Nashville, TN (1999)			
PP	JK	ALEXANDER, et al.	"Optimization Techniques For Skin Deformation Correction", International Symposium on 3-D H Human Movement Conference, Chattanooga, TN, (1998)			
PP	JL	ALLEN, et al.	"Late Degenerative Changes After Meniscectomy 5 Factors Affecting The Knee After Operations", J Bone Joint Surg 66B: 666-671 (1984)			

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PP	JM	ALLEY, et al.	"Ultrafast Contrast-Enhanced Three Dimensional MR Angiography: State Of The Art." <i>Radiographics</i> 18: 273-285 (1998)
PP	JN	ANDRIACCHI, et al.	"Gait Analysis As A Tool To Assess Joint Kinetics Biomechanics Of Normal And Pathological Human Articulating Joints", Nijhoff, Series E 93:83-102 (1985)
PP	JO	ANDRIACCHI, et al.	"In Vivo Measurement Of Six-Degrees-Of-Freedom Knee Movement During Functional Testing", Transactions of the Orthopedic Research Society: pp. 698 (1995)
PP	JP	ANDRIACCHI, et al.	"A Point Cluster Method For In Vivo Motion Analysis: Applied To A Study Of Knee Kinematics", <i>J. Biomech Eng.</i> 120(12):743-749 (1998)
PP	JQ	ANDRIACCHI, et al.	"Methods For Evaluating The Progression Of Osteoarthritis", <i>Journal of Rehabilitation Research and Development</i> 37(2): 163-170 (2000)
PP	JR	ANDRIACCHI, T.P.	"Dynamics of Knee Malalignment", <i>Orthop Clin North Am</i> 25: 395-403 (1994)
PP	JS	ARO HIT, et al.	"Clinical Use of Bone Allografts", <i>Ann Med</i> 25: 403-412, (1993)
PP	JT	BASHIR, et al.	"Validation of Gadolinium-Enhanced MRI of GAG-Measurement In Human Cartilage"
PP	JU	BEAULIEU, et al.,	"Dynamic Imaging Of Glenohumeral Instability With Open MRI" <i>Int. Society For Magnetic Resonance In Medicine, Sydney, AU</i> (1998)
PP	JV	BEAULIEU, et al.	"Glenohumeral Relationships During Physiological Shoulder Motion And Stress Testing: Initial Experience With Open MRI And Active Scan-25 Plane Registration" <i>Radiology</i> (accepted for publication) (1999)
PP	JW	BECKMANN, et al.	"Noninvasive 3D MR Microscopy as Tool in Pharmacological Research: Application to a Model of Rheumatoid Arthritis", <i>Magn Reson Imaging</i> 13 (7): 10-13-1017 (1995)
PP	JX	BOBIC, V.	"Arthroscopic Osteochondral Autograft Transplantation In Anterior Cruciate Ligament Reconstruction: A Preliminary Clinical Study", <i>Knee Surg. Sports Traumatol Arthrosc</i> 3(4): 262-264 (1996)
PP	JY	BOE, S., et al.	"Arthroscopic Partial Meniscectomy In Patients Aged Over 50", <i>J. Bone Joint Surg.</i> 68B: 70-7 (1986)
PP	JZ	BORTHAKUR, et al.	"In Vivo Triple Quantum Filtered Sodium MRI of Human Articular Cartilage", <i>Seventh Scientific Meeting of ISMRM, p. 549</i> (1999)
PP	KA	BREGLER, et al.	"Recovering Non-Rigid 3D Shape From Image Streams", <i>Proc IEEE Conference on Computer Vision and Pattern Recognition</i> (2000) in press
PP	KB	BRET, et al.	"Quantitative Analysis Of Biomedical Images", U. of Manchester, Zeneca Pharmaceuticals, IBM UK, <a href="http://www.wiau.man.ac.uk/~ads/imb">http://www.wiau.man.ac.uk/~ads/imb</a>
PP	KC	BRITTBURG, et al.	"A Critical Analysis Of Cartilage Repair", <i>Acta Orthop Scand</i> 68 (2): 186-191 (1997)

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PP	KE	BRODERICK, et al.	"Severity Of Articular Cartilage Abnormality In Patients With Osteoarthritis: Evaluation With Fast Spin-Echo MR Vs Arthroscopy", AJR 162: 99-103 (1994)
PP	KF	BURCKART, R., et al.	"Magnetic Resonance Imaging-Based Assessment of Cartilage Loss in Severe Osteoarthritis", Arth Rheum 44(9): 2072-2077 (Sept., 2001)
PP	KG	BUTTERWORTH, et al.	<u>Dept. of Biomedical Engineering, Medicine, Neurology, &amp; Center for Nuclear Imaging Research, U. of Alabama at Birmingham, USA</u>
PP	KH	BUTTS, et al.	"Real-Time MR Imaging Of Joint Motion On An Open MR Imaging Scanner", Radiological Society of North America, 83 <sup>rd</sup> Scientific Assembly and Annual Meeting, Chicago, IL, (1997)
PP	KI	CARANO, et al.	"Estimation Of Erosive Changes In Rheumatoid Arthritis By Temporal Multispectral Analysis", Seventh Scientific Meeting of ISMRM, p. 408, (1999)
PP	KJ	CASTRIOTA-SCANDERBEG, A., et al.	"Precision of Sonographic Measurement of Articular Cartilage: Inter-and Intraobserver Analysis", Skeletal Radiol, 25: 545-549 (1996)
PP	KK	CHAN, et al.	"Osteoarthritis Of The Knee: Comparison Of Radiography, CT And MR Imaging To Assess Extent And Severity", AJR Am J Roentgenol, 157(4): 799-806, (1991)
PP	KL	CLARKE, IC, et al.	"Human Hip Joint Geometry and Hemiarthroplasty Selection", The Hip. C.V. Mosby, St. Louis, pp. 63-89 (1975)
PP	KM	COHEN, et al.	"Knee Cartilage Topography, Thickness, And Contact Areas From MRI: In-Vitro Calibration And In-Vivo Measurements", Osteoarthritis and Cartilage 7:95-109 (1999)
PP	KN	CREAMER, P., et al.	"Quantitative Magnetic Resonance Imaging of the Knee: A Method of Measuring Response to Intra-Articular Treatments", Ann Rheum Dis., 56: 378-381 (1997)
PP	KO	DANIEL, et al.	"Breast Cancer-Gadolinium-Enhanced MR Imaging With A 0.5T Open Imager And Three-Point Dixon Technique", Radiology 207(1): 183-190 (1998)
PP	KP	DARDZINSKI, et al.	"Entropy Mapping of Articular Cartilage", ISMRM Seventh Scientific Meeting, Philadelphia, PA (1999)
PP	KQ	DARDZINSKI, et al.	"T1-T2 Comparison in Adult Articular Cartilage", ISMRM Seventh Scientific Meeting, Philadelphia, PA (May 22-28, 1999)
PP	KR	DISLER, et al.	"Detection Of Knee Hyaline Cartilage Defects Using Fat-Suppressed Three-Dimensional Spoiled Gradient-Echo MR Imaging: Comparison With Standard MR Imaging And Correlation With Arthroscopy", AJR 165: 377-382 (1995)
PP	KS	DISLER, et al.	"Fat-Suppressed Three-Dimensional Spoiled Gradient-Echo MR Imaging Of Hyaline Cartilage Defects In The Knee: Comparison With Standard MR Imaging And Arthroscopy", AJR 167: 127-132 (1996)

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PP	KU	DOHERTY, M., et al.	MT: Osteoarthritis. In: Maddison, PJ, Isenberg, DA, Woo, P., et al., eds. Oxford Textbook of Rheumatology, Vol. 1., Oxford, NY, Tokyo; Oxford U. Press, 959-983 (1993)
PP	KV	DOUGADOS, et al.	"Longitudinal Radiologic Evaluation Of Osteoarthritis Of The Knee" J Rheumatol 19: 378-384 (1992)
PP	KW	DU, et al.	"Reduction Of Partial-Volume Artifacts With Zero Filled Interpolation In Three-Dimensional MR Angiography", J. Magn Res. Imaging 4: 733-741 (1994)
PP	KX	DU, et al.	"Vessel Enhancement Filtering In Three-Dimensional Mr Angiography", J. Magn Res Imaging 5: 151-157 (1995)
PP	KY	DUFOUR, et al.	"A Technique for the Dynamical Evaluation of the Acromiohumeral Distance of the Shoulder in the Seated Position under Open-field MRI." Seventh Scientific Meeting of ISMRM, p. 406 (1999)
PP	KZ	DUMOULIN, et al.	"Real-Time Position Monitoring Of Invasive Devices Using Magnetic Resonance," Magn Reson Med 29:411-5 (1993)
PP	LA	DUPUY, DE, et al.	"Quantification of Articular Cartilage in the Knee with Three-Dimensional MR Imaging", Acad Radiol, 3: 919-924 (1996)
PP	LB	ECKSTEIN, et al.	"Determination Of Knee Joint Cartilage Thickness Using Three-Dimensional Magnetic Resonance Chondro-Grassometry (3D MR-CCM)", Magn. Reson. Med. 36(2): 256-265 (1996)
PP	LC	ECKSTEIN, et al.	"Effect Of Gradient And Section Orientation On Quantitative Analyses Of Knee Joint Cartilage", Journal of Magnetic Resonance Imaging 11: 161-167 (2000)
PP	LD	ECKSTEIN, et al.	"Effect Of Physical Exercise On Cartilage Volume And Thickness In Vivo: An MR Imaging Study", Radiology 207: 243-248 (1998)
PP	LE	ECKSTEIN, et al.	"Functional Analysis Of Articular Cartilage Deformation, Recovery, And Fluid Flow Following Dynamic Exercise In Vivo", Anatomy and Embryology 200: 419-424 (1999)
PP	LF	ECKSTEIN, et al.	"In Vivo Reproducibility Of Three-Dimensional Cartilage Volume And Thickness Measurements With Mr Imaging", AJR 170(3): 593-597 (1998)
PP	LG	ECKSTEIN, et al.	"New Quantitative Approaches With 3-D MRI: Cartilage Morphology, Function And Degeneration", Medical Imaging International (Nov.-Dec. 1998)
PP	LH	ECKSTEIN, et al.	"Side Differences Of Knee Joint Cartilage Volume, Thickness, And Surface Area, And Correlation With Lower Limb Dominance - An MRI-Based Study", Osteoarthritis and Cartilage 10: 914-921 (2002)
PP	LI	ECKSTEIN, et al.	"Accuracy of Cartilage Volume and Thickness Measurements with Magnetic Resonance Imaging", Clin. Orthop. 1998; 352: 137-148 T. 60, V. II

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PP	LJ	ECKSTEIN, et al.	"Magnetic Resonance Chondro-Crassometry (MR CCM): A Method for Accurate Determination of Articular Cartilage Thickness?", <i>Magn. Reson. Med.</i> 1996; 35: 89-96
PP	LK	ECKSTEIN, et al.	"The Influence of Geometry on the Stress Distribution in Joints - A Finite Element Analysis", <i>Anat Embryol.</i> 189: 545-552 (1994)
PP	LL	ECKSTEIN, et al.	"The Morphology of Articular Cartilage Assessed by Magnetic Resonance Imaging: Reproducibility and Anatomical Correlation", <i>Sur. Radiol Anat.</i> 16: 429-438 (1994)
PP	LM	ELTING, et al.	"Unilateral Frame Distraction: Proximal Tibial Valgus Osteotomy For Medial Gonarthritis", <i>Contemp Orthop</i> 27(6): 522-524 (1993)
PP	LN	FABER, et al.	"Gender Differences In Knee Joint Cartilage Thickness, Volume And Articular Surface Areas: Assessment With Quantitative Three-Dimensional MR Imaging", <i>Skeletal radiology</i> 30 (3): 144-150 (2001)
PP	LO	FABER, et al.	"Quantitative Changes of Articular Cartilage Microstructure During Compression of an Intact Joint", <i>Seventh Scientific Meeting of ISMRM</i> , p. 547 (1999)
PP	LP	FALCAO, et al.	"User-Searched Image Segmentation Paradigms: Live Wire And Live Lane", <i>Graphical Models and Image Processing</i> 60:233-260 (1998)
PP	LQ	FELSON, et al.	"Weight Loss Reduces The Risk For Symptomatic Knee Osteoarthritis In Women: The Framingham Study", <i>Ann Intern Med</i> 116: 535-539 (1992)
PP	LR	GANDY, et al.	"One-Year Longitudinal Study Of Femoral Cartilage Lesions In Knee Arthritis", <i>Seventh Scientific Meeting of ISMRM</i> , p. 1032, (1999)
PP	LS	GARRETT, J.C.	"Osteochondral Allografts For Reconstruction Of Articular Defects Of The Knee", <i>Instr Course Lect</i> 47:51-522 (1998)
PP	LT	GERSCOVICH, E.O.	"A Radiologist's Guide To The Imaging In The Diagnosis And Treatment Of Developmental Dysplasia Of The Hip" <i>Skeletal Radiol.</i> 26: 447-456 (1997)
PP	LU	GHOSH, et al.	"Watershed Segmentation Of High Resolution Articular Cartilage Images For Assessment Of Osteoarthritis", <i>International Society for Magnetic Resonance in Medicine, Philadelphia</i> (1999)
PP	LV	GLASER, et al.	"Optimization And Validation Of A Rapid Highresolution T1-W 3-D Flash Waterexcitation MR Sequence For The Quantitative Assessment Of Articular Cartilage Volume And Thickness" <i>Magnetic Resonance Imaging</i> , 19: 177-185 (2001)
PP	LW	GOODWIN, et al.	"MR Imaging of Articular Cartilage: Striations in the Radial Layer Reflect the Fibrous Structure of Cartilage"
PP	LX	GOURAUD, H.	"Continuous Shading Of Curved Surfaces", <i>IEEE Trans on Computers</i> C-20(6) (1971)
PP	LY	GRAICHEN, et al.	"Three-Dimensional Analysis Of The Width Of The Subacromial Space In Healthy Subjects And Patients With Impingement Syndrome", <i>American Journal of Roentgenology</i> 172: 1081-1086 (1999)

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PP	MA	HARDY, et al.	"Measuring the Thickness of Articular Cartilage from MR Images", J. Magnetic Resonance Imaging 13: 120-126 (2001)
PP	MB	HARDY, et al.	"The Influence Of The Resolution And Contrast On Measuring The Articular Cartilage Volume In Magnetic Resonance Images" Magn Reson Imaging, 18(8): 965-972 (Oct., 2000)
PP	MC	HARGREAVES, et al.	"Imaging Of Articular Cartilage Using Driven Equilibrium" Int'l. Society for Magnetic Resonance in Medicine, Sydney, AU, pp. 17-24 (Apr., 1998)
PP	MD	HARGREAVES, et al.	"MR Imaging of Articular Cartilage Using Driven Equilibrium", Magnetic Resonance in Medicine 42(4): v695-703 (Oct., 1999)
PP	ME	HARGREAVES, et al.	"Technical Considerations For DEFT Imaging", International Society for Magnetic Resonance in Medicine, Sydney, AU, pp. 17-24 (Apr., 1998)
PP	MF	HAUBNER, M., et al.	"A Non-Invasive Technique For 3-Dimensional Assessment Of Articular Cartilage Thickness Based On MRI Part @: Validation Using CT Arthrography", Magn Reson Imaging 15(7): 805-813 (1997)
PP	MG	HAUT, et al.	"A High Accuracy Three-Dimensional Coordinate Digitizing System for Reconstructing the Geometry of Diarthrodial Joints", J. Biomechanics, 31: 571-577 (1998)
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PP	MI	HENKELMAN, et al.	"Anisotropy Of NMR Properties Of Tissues", Magn Res Med. 32: 592-601 (1994)
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PP	MY	KARVONEN, R.L., et al.	"Articular Cartilage Defects of the Knee: Correlation Between Magnetic Resonance Imaging and Gross Pathology", Ann Rheum Dis.; 49: 672-675 (1990)
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PP	NG	KWAK, S.D., et al.	"Anatomy of Human Patellofemoral Joint Articular Cartilage: Surface Curvature Analysis", J. Orthop. Res.: 15: 468-472 (1997)
PP	NH	LAFORTUNE, et al.	"Three Dimensional Kinematics Of The Human Knee During Walking", J. Biomechanics 25: 347-357 (1992)
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PP	NO	LIN, C.J., et al.	"Three-Dimensional Characteristics of Cartilaginous and Bony Components of Dysplastic Hips in Children: Three-Dimensional Computed Tomography Quantitative Analysis", J. Pediatr. Orthop.: 17: 152-157 (1997)
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PP	NU	LYNCH, et al.	"Cartilage Segmentation Of 3D MRI Scans Of The Osteoarthritic Knee Combining User Knowledge And Active Contours", Proc. SPIE 3979 Medical Imaging, San Diego, CA (Feb., 2000)
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PP	PH	SAIED, A., et al.	"Assessment of Articular Cartilage and Subchondral Bone: Subtle and Progressive Changes in Experimental Osteoarthritis Using 50 MHz Echography In Vitro", J. Bone Miner Res., 12(9): 1378-1386 (1997)
PP	PI	SAITO, et al.	"New Algorithms For Euclidean Distance Transformation Of An N-Dimensional Digitized Picture With Applications", Pattern Recognition 27(11): 1551-1565 (1994)
PP	PJ	SCHIPPLEIN, et al.	"Interaction Between Active And Passive Knee Stabilizers During Level Walking", J. Orthop Res. 9:113-119 (1991)
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PP	PS	SOSLOWSKY, et al.	"Articular Geometry of the Glenohumeral Joint", Clin. Orthop.: 285: 181-190 (Dec., 1992)
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PP	PV	STAMMBERGER, et al.	"A New Method for 3D Cartilage Thickness Measurement with MRI, Based on Euclidean Distance Transformation, and its Reproducibility in the Living", Sixth Scientific Meeting of ISMRM, p. 562 (1998)
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PP	PY	STAMMBERGER, et al.	"Interobserver Reproducibility Of Quantitative Cartilage Measurements: Comparison Of B-Spline Snakes And Manual Segmentation", Mag. Res. Imaging 17: 1033-1042 (1999)
PP	PZ	STEINES, et al.	"Measuring Volume Of Articular Cartilage Defects In Osteoarthritis Using MRI", Arthritis Rheum. 43(Suppl. 9): S340 (2000)
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PP	QD	TEBBEN, et al.	"Three-Dimensional Computerized Reconstruction. Illustration Of Incremental Articular Cartilage Thinning", Invest. Radiol. 32(8): 475-484 (1997)
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PP	QJ	VANDE BERG, et al.	"Assessment Of Knee Cartilage In Cadavers With Dual-Detector Spiral CT Arthrography And MR Imaging", Radiology, 222(2): 430-436 (Feb., 2002)
PP	QK	VANDERLINDEN, et al.	"MR Imaging Of Hyaline Cartilage At 0.5 T: A Quantitative And Qualitative In Vitro Evaluation Of Three Types Of Sequences", June 1998, T. 196, V. V
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PP	QQ	WATERTON, et al.	"Diurnal Variation In The Femoral Articular Cartilage Of The Knee In Young Adult Humans", Mag. Res. Med. 43: 126-132 (2000)
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PP	RA	YASUDA, et al.	"A 10 To 15 Year Follow Up Observation Of High Tibial Osteotomy In Medial Compartment Osteoarthritis", Clin. Orthop. 282: 186-195 (1992)
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Examiner Signature: /Pedro Philogene/

Date Considered: 01/02/2007

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